

New Jersey Drug and Alcohol  
Abuse Treatment

**Substance Abuse Overview  
2003  
Union County**

New Jersey Department of Human Services

Prepared by:  
Division of Addiction Services  
Management Information Systems  
Trenton, New Jersey

James E. McGreevey  
Governor

James M. Davy  
Commissioner

July 2004



**State of New Jersey**  
DEPARTMENT OF HUMAN SERVICES  
DIVISION OF ADDICTION SERVICES  
PO BOX 362  
TRENTON, N.J. 08625-0362

JAMES E. MCGREEVEY  
*Governor*

[www.state.nj.us](http://www.state.nj.us)

James M. Davy  
*Commissioner*

July 2004

Dear Colleague:

This ***Substance Abuse Overview*** provides statistics and social indicators related to substance abuse and substance abuse treatment in your county. In 2003 there were more than 53,000 treatment admissions reported to the New Jersey Department of Human Services. These reports were submitted on the paper forms of the Drug Abuse Data System (ADADS) and the web-based NJ Substance Abuse Monitoring System (NJ-SAMS) which began operations in October, 2002. NJ-SAMS

The Overview includes:

- State Totals for Substance Abuse Treatment Admissions for 2003.
- County Totals for Substance Abuse Treatment Admissions for 2003.
- Selected Social and Health Indicators for Your County.
- County Share of Substance Abuse Admissions by Primary Drug.
- Distribution of Substance Abuse Admissions by Primary Drug within County.
- Substance Abuse Admissions by Municipality and Primary Drug
- Treatment Admissions by Municipality of Residence, Primary Drug and Age.
- Estimated Number of People in Need of Treatment by County and Drug Type.

Dr. Abate Mammo prepared the need for treatment estimates and Dr. Yohannes Hailu compiled the social and health indicators.

If you have any questions about the data or participation in NJ-SAMS you may contact the Management Information Systems Unit by email at [charles.crowley@doh.state.nj.us](mailto:charles.crowley@doh.state.nj.us) or by telephone at (609) 633-2175.

Sincerely,

Charles J. Crowley  
Coordinator,  
Systems Analysis & Development

# New Jersey Alcohol and Drug Abuse Data System

## Substance Abuse Treatment Admissions

### State Totals

**Admissions:** 1/1/2003 - 12/31/2003

#### Primary Drug

Alcohol	14,900	28%
Heroin	26,224	49%
Intravenous	10,182	19%
Cocaine	5,477	10%
Smoked	3,511	7%
Marijuana	5,964	11%
Other Drugs	969	2%

#### Treatment Setting

Couns/Coord-I/R	13	0%
Hosp Detox/IMU	9,863	18%
Residential Detox	4,721	9%
Short-Term Residential	5,462	10%
Therapeutic Community	3,502	6%
Extended Care/Halfway House	1,156	2%
Outpatient Care	12,255	23%
Outpatient Methadone Maint.	6,097	11%
Intensive Outpatient	7,253	13%
Outpatient Detox	3,505	7%

#### Sex

Male	37,395	69%
Female	16,472	31%

#### Race/Ethnicity

White	27,722	51%
Black	16,728	31%
Hispanic	7,478	14%
Other	745	1%
Not Assessed	1,226	2%

#### Age at Admission

Under 18	2,642	5%
18-20	3,253	6%
21-24	6,057	11%
25-29	6,306	12%
30-34	7,911	15%
35-44	17,945	33%
45-54	8,068	15%
55 and over	1,689	3%
Unknown	18	0%

#### Employment Status

Unemployed/Not in Labor Force	35,835	66%
Employed Full/Part Time	14,399	27%
Not Assessed	3,634	7%

#### Health Insurance at Admission\*

No Insurance	32,402	60%
Public Insurance	8,330	15%
Private Insurance	8,413	16%
Other/Unknown	4,945	9%

#### Month of Admission

January	4,874	9%	May	4,564	8%
February	4,011	7%	June	4,493	8%
March	4,802	9%	July	4,897	9%
April	4,610	9%	August	4,496	8%

#### Legal Problem\*

None	28,705	53%
Probation/Parole	13,858	26%
DWI License Susp.	3,012	6%
Other	10,993	20%

#### Referral Source

Self-referral	22,115	41%
Family/Friend	3,997	7%
Social Agency	14,397	27%
Criminal Justice	10,786	20%
IDRC	2,070	4%

#### Any Prior Treatment

34,446	64%
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#### Methadone Planned in Treatment

10,756	20%
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#### Smoke Tobacco (Yes)

40,922	76%
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#### Clients Treated in Their County of Residence

30,644	57%
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#### Completed High School

31,893	59%
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Not Assessed

3,589	7%
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#### County of Residence

Atlantic	2,195	4%
Bergen	3,280	6%
Burlington	1,309	2%
Camden	3,542	7%
Cape May	925	2%
Cumberland	1,416	3%
Essex	8,940	17%
Gloucester	1,503	3%
Hudson	4,133	8%
Hunterdon	725	1%
Mercer	1,827	3%
Middlesex	2,977	6%
Monmouth	3,981	7%
Morris	2,038	4%
Ocean	3,079	6%
Passaic	3,468	6%
Salem	482	1%
Somerset	1,136	2%
Sussex	753	1%
Union	3,838	7%
Warren	810	2%
Other	1,332	2%

**Total Admissions = 53,908**

\*Totals greater than 100% because of multiple responses.

**New Jersey Alcohol and Drug Abuse Data System**  
**Substance Abuse Treatment Admissions**  
**1/1/2003 - 12/31/2003**

Union

County Code 20

**Primary Drug**

Alcohol	804	21%
Heroin	2,158	56%
Intravenous Heroin	667	17%
Cocaine	419	11%
Smoked Cocaine	233	6%
Marijuana	420	11%
Other Drugs	35	1%

**Treatment Setting**

Couns/Coord-I/R	0	0%
Hosp Detox/IMU	680	18%
Residential Detox	194	5%
Short-Term Residential	376	10%
Therapeutic Community	228	6%
Extended Care/Halfway House	159	4%
Outpatient Care	599	16%
Outpatient Methadone Maint.	366	10%
Intensive Outpatient	857	22%
Outpatient Detox	378	10%

**Sex**

Male	2,689	70%
Female	1,148	30%

**Race/Ethnicity**

White	1,186	31%
Black	1,662	43%
Hispanic	806	21%
Other	56	1%
Not Assessed	126	3%

**Age at Admission**

Under 18	49	1%
18-20	153	4%
21-24	354	9%
25-29	410	11%
30-34	632	16%
35-44	1,477	38%
45-54	632	16%
55 and over	129	3%

**Employment Status**

Unemployed/Not in Labor Force	2,717	71%
Employed Full/Part Time	959	25%
Not Assessed	162	4%

**Legal Problem\***

None	2,054	54%
Probation/Parole	1,106	29%
DWI License Susp.	97	3%
Other	721	19%

**Referral Source**

Self-referral	1,492	39%
Family/Friend	260	7%
Social Agency	1,041	27%
Criminal Justice	918	24%
IDRC	86	2%

**Any Prior Treatment**

2,662	69%
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**Smoke Tobacco (Yes)**

2,932	76%
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**Completed High School**

2,306	60%	
Not Assessed	166	4%

**Methadone Planned  
in Treatment**

780	20%
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**Health Insurance at Admission\***

No Insurance	2,675	70%
Public Insurance	614	16%
Private Insurance	384	10%
Other/Unknown	194	5%

**Patients Treated in Their  
County of Residence**

2,059	54%
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**Month of Admission**

January	342	9%
February	307	8%
March	359	9%
April	326	8%
May	321	8%
June	326	8%
July	318	8%
August	329	9%
September	338	9%
October	354	9%
November	244	6%
December	274	7%

**Total Admissions = 3,838**

Union County: Selected Social and Health Indicators			
General Risk Factors by Domain	State	County	County/State Ratio
<b>Community Environment:</b>			
• Children below poverty (%), 1997	14.80	15.40	1.04
• Voter participation (%), 2000	70.00	70.00	1.00
• Violent crime rate / 1,000, 2000	3.80	4.40	1.16
<b>Family Structure: Rates/1,000 population</b>			
• Domestic violence rate, 2000	9.23	9.44	1.02
• Teenage birth rate, 1997	35.00	40.00	1.14
• Child abuse/neglect referrals rate, 1998	20.20	14.80	0.73
<b>School Involvement:</b>			
• Dropouts (% HS enrollment), 1994-95	4.20	5.20	1.24
• Adults not high school graduates %, 1990	23.30	24.80	1.06
• Grade Eight Proficiency Assessment Index, 1999	0.755	0.736	0.97
<b>Individual / Peer Behaviors:</b> Under 18 years old (Rate / 1,000)			
• Juvenile drug arrest rate, 2000	3.87	3.23	0.83
• Juvenile DUI arrest rate, 2000	0.19	0.07	0.36
<b>Other Health Indicators: Rate / 100,000 population</b>			
• Drug abuse treatment admission rates, 2003	437.70	572.77	1.31
• Alcohol abuse treatment admission rates, 2003	167.96	151.88	0.90
• IDU risk AIDS case rates, 2001	119.00	148.00	1.24
• Cirrhosis of liver hospital admission rates	20.70	18.60	0.90
• Alcohol related mortality rates, 1998	5.20	4.80	0.92
• Drug related mortality rates, 1998	8.70	7.40	0.85
• Motor vehicle injury death rates, 1998	9.30	7.60	0.82
• Unintentional injury death rates, 1998	24.70	23.20	0.94
• Suicide rates, 1998	7.10	5.00	0.70
• Homicide rates, 1998	4.00	**	**
** Number is too small to calculate a reliable rate			

Age-adjusted Cancer Incidence by Gender, Union County – 1986-1996 <sup>1</sup>				
	Male		Female	
	Union	New Jersey	Union	New Jersey
Lung Cancer Rate <sup>2</sup>				
• White	71.8	83.0	36.8	43.9
• Black	110.0	114.8	40.9	42.5
Oral Cancer Rate <sup>2</sup>				
• White	13.3	13.4	5.4	5.7
• Black	17.1	22.8	5.3	6.7
Bladder Cancer Rate <sup>2</sup>				
• White	35.9	38.0	8.7	9.7
• Black	18.5	15.8	6.9	6.1
1 Incidence rates per 100,000 population, age adjusted to the 1970 population.				
2 Average annual rate				

## Union County

Alcohol, Tobacco, & Other Drug (ATOD) Use by New Jersey Middle School Students, 2001		
Annual Prevalence	New Jersey Percent	Union County Percent
• Cigarettes	12.3	8.3
• Alcohol	30.7	29.4
• Marijuana	4.7	2.3
• Inhalants	4.7	7.3
• Heroin	0.4	1.0
• Any Other Drugs	1.9	1.8

Risk Factor Scale Scores – Middle School Survey, 2001		
Selected Risk Factors by Domain	New Jersey	Union County
<b>Community Domain:</b>		
• Low Neighborhood Attachment	48	42
• Community Transitions and Mobility	51	54
• Perceived Availability of Drugs and Firearms	28	25
<b>Family Domain:</b>		
• Poor Family Supervision	46	48
• Parental Attitudes Favorable toward ATOD Use	40	39
<b>School Domain:</b>		
• Poor Academic Performance	51	44
• Low School Commitment	49	55
<b>Peer – Individual Domain:</b>		
• Friends' Use of Drugs	35	31
• Favorable Attitudes toward Antisocial Behavior	54	55
• Low Perceived Risk of Drug use	33	28

Protective Factor Scale Scores – Middle School Survey, 2001		
Selected Protective Factors by Domain	New Jersey	Union County
<b>Community Domain:</b>		
• Community Rewards for Pro-social Involvement	49	52
<b>Family Domain:</b>		
• Family Attachment	55	58
• Family Rewards for Pro-social Involvement	57	58
<b>School Domain:</b>		
• School Opportunities for Pro-social Involvement	54	52
• School Rewards for Pro-social Involvement	48	49
<b>Peer – individual Domain</b>		
• Social Skills	56	58
• Belief in the Moral Order	53	52

**County Share of Substance Abuse Admissions by County and Primary Drug,  
2003 NJ Resident Admissions**

County of Residence	Primary Drug										County Total	
	Alcohol		Cocaine		Heroin		Marijuana		Others			
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	641	4.4	160	3.0	1044	4.3	213	3.6	129	6.3	2187	4.2
Bergen	1327	9.1	426	7.9	1051	4.3	330	5.6	146	7.1	3280	6.3
Burlington	561	3.9	168	3.1	317	1.3	156	2.6	107	5.2	1309	2.5
Camden	1101	7.6	450	8.4	1344	5.5	380	6.4	264	12.9	3539	6.8
Cape May	416	2.9	73	1.4	188	0.8	178	3.0	69	3.4	924	1.8
Cumberland	631	4.3	190	3.5	308	1.3	245	4.2	42	2.0	1416	2.7
Essex	939	6.5	593	11.0	6665	27.2	626	10.6	111	5.4	8934	17.1
Gloucester	529	3.6	162	3.0	467	1.9	211	3.6	132	6.4	1501	2.9
Hudson	934	6.4	335	6.2	2282	9.3	418	7.1	164	8.0	4133	7.9
Hunterdon	369	2.5	59	1.1	151	0.6	120	2.0	26	1.3	725	1.4
Mercer	537	3.7	356	6.6	554	2.3	329	5.6	51	2.5	1827	3.5
Middlesex	748	5.2	279	5.2	1427	5.8	393	6.7	128	6.2	2975	5.7
Monmouth	1137	7.8	631	11.7	1472	6.0	572	9.7	163	7.9	3975	7.6
Morris	913	6.3	132	2.5	816	3.3	100	1.7	74	3.6	2035	3.9
Ocean	855	5.9	263	4.9	1468	6.0	327	5.5	166	8.1	3079	5.9
Passaic	731	5.0	394	7.3	1846	7.5	410	7.0	86	4.2	3467	6.6
Salem	199	1.4	66	1.2	96	0.4	105	1.8	15	0.7	481	0.9
Somerset	483	3.3	92	1.7	347	1.4	184	3.1	29	1.4	1135	2.2
Sussex	321	2.2	58	1.1	287	1.2	44	0.7	41	2.0	751	1.4
Union	804	5.5	419	7.8	2135	8.7	420	7.1	58	2.8	3836	7.3
Warren	333	2.3	73	1.4	219	0.9	133	2.3	52	2.5	810	1.5
Drug Total	14509	100.0	5379	100.0	24484	100.0	5894	100.0	2053	100.0	52319	100.0

***Distribution of Substance Abuse Admissions by Primary Drug within County,  
2003 NJ Resident Admissions***

County of Residence	Primary Drug										County Total	
	Alcohol		Cocaine		Heroin		Marijuana		Others			
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	641	29.3	160	7.3	1044	47.7	213	9.7	129	5.9	2187	100.0
Bergen	1327	40.5	426	13.0	1051	32.0	330	10.1	146	4.5	3280	100.0
Burlington	561	42.9	168	12.8	317	24.2	156	11.9	107	8.2	1309	100.0
Camden	1101	31.1	450	12.7	1344	38.0	380	10.7	264	7.5	3539	100.0
Cape May	416	45.0	73	7.9	188	20.3	178	19.3	69	7.5	924	100.0
Cumberland	631	44.6	190	13.4	308	21.8	245	17.3	42	3.0	1416	100.0
Essex	939	10.5	593	6.6	6665	74.6	626	7.0	111	1.2	8934	100.0
Gloucester	529	35.2	162	10.8	467	31.1	211	14.1	132	8.8	1501	100.0
Hudson	934	22.6	335	8.1	2282	55.2	418	10.1	164	4.0	4133	100.0
Hunterdon	369	50.9	59	8.1	151	20.8	120	16.6	26	3.6	725	100.0
Mercer	537	29.4	356	19.5	554	30.3	329	18.0	51	2.8	1827	100.0
Middlesex	748	25.1	279	9.4	1427	48.0	393	13.2	128	4.3	2975	100.0
Monmouth	1137	28.6	631	15.9	1472	37.0	572	14.4	163	4.1	3975	100.0
Morris	913	44.9	132	6.5	816	40.1	100	4.9	74	3.6	2035	100.0
Ocean	855	27.8	263	8.5	1468	47.7	327	10.6	166	5.4	3079	100.0
Passaic	731	21.1	394	11.4	1846	53.2	410	11.8	86	2.5	3467	100.0
Salem	199	41.4	66	13.7	96	20.0	105	21.8	15	3.1	481	100.0
Somerset	483	42.6	92	8.1	347	30.6	184	16.2	29	2.6	1135	100.0
Sussex	321	42.7	58	7.7	287	38.2	44	5.9	41	5.5	751	100.0
Union	804	21.0	419	10.9	2135	55.7	420	10.9	58	1.5	3836	100.0
Warren	333	41.1	73	9.0	219	27.0	133	16.4	52	6.4	810	100.0
State Total	14509	27.7	5379	10.3	24484	46.8	5894	11.3	2053	3.9	52319	100.0



# Substance Abuse Admissions by Municipality and Primary Drug

January 1, 2003 to December 31, 2003

## County Union

Municipality	Primary Drug										County Total	
	Alcohol		Cocaine		Heroin		Marijuana		Others			
	N	%	N	%	N	%	N	%	N	%	N	%
Berkeley Heights Twp	7	33.3	2	9.5	11	52.4	1	4.8			21	100.0
Clark Twp	9	21.4	4	9.5	26	61.9	3	7.1			42	100.0
Cranford Twp	37	50.0	11	14.9	22	29.7	2	2.7	2	2.7	74	100.0
Elizabeth City	336	20.5	152	9.3	925	56.4	214	13.0	14	0.9	1641	100.0
Fanwood Boro	4	33.3			6	50.0	1	8.3	1	8.3	12	100.0
Garwood Boro	5	23.8	2	9.5	10	47.6	3	14.3	1	4.8	21	100.0
Hillside Twp	26	20.0	12	9.2	76	58.5	14	10.8	2	1.5	130	100.0
Kenilworth Boro	5	12.5	5	12.5	28	70.0	1	2.5	1	2.5	40	100.0
Linden City	55	16.9	28	8.6	199	61.2	34	10.5	9	2.8	325	100.0
Mountainside Boro	7	50.0			7	50.0					14	100.0
New Providence Boro	4	21.1	1	5.3	14	73.7					19	100.0
Plainfield City	89	14.7	101	16.7	344	56.9	61	10.1	10	1.7	605	100.0
Rahway City	53	24.9	21	9.9	120	56.3	17	8.0	2	0.9	213	100.0
Roselle Boro	33	20.6	24	15.0	77	48.1	24	15.0	2	1.3	160	100.0
Roselle Park Boro	15	17.0	5	5.7	62	70.5	4	4.5	2	2.3	88	100.0
Scotch Plains Twp	11	28.2	4	10.3	23	59.0	1	2.6			39	100.0
Springfield Twp	6	28.6	3	14.3	11	52.4			1	4.8	21	100.0
Summit City	29	42.6	7	10.3	26	38.2	4	5.9	2	2.9	68	100.0
Union Twp	43	19.5	27	12.3	114	51.8	32	14.5	4	1.8	220	100.0
Westfield Town	22	37.3	5	8.5	25	42.4	3	5.1	4	6.8	59	100.0
Winfield Twp	3	30.0	1	10.0	6	60.0					10	100.0
Not Stated	5	35.7	4	28.6	3	21.4	1	7.1	1	7.1	14	100.0
County Total	804	21.0	419	10.9	2135	55.7	420	10.9	58	1.5	3836	100.0

## Treatment Admissions by Municipality of Residence, Primary Drug and Age, 2003

Union	Alcohol						Drugs						Total					
	18+		under 18		Total		18+		under 18		Total		18+		under 18		Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Berkeley Heights Twp	7	100.0			7	100.0	14	100.0			14	100.0	21	100.0			21	100.0
Clark Twp	9	100.0			9	100.0	33	100.0			33	100.0	42	100.0			42	100.0
Cranford Twp	37	100.0			37	100.0	34	94.4	2	5.6	36	100.0	71	97.3	2	2.7	73	100.0
Elizabeth City	335	99.7	1	0.3	336	100.0	1289	99.0	13	1.0	1302	100.0	1624	99.1	14	0.9	1638	100.0
Fanwood Boro	4	100.0			4	100.0	8	100.0			8	100.0	12	100.0			12	100.0
Garwood Boro	5	100.0			5	100.0	16	100.0			16	100.0	21	100.0			21	100.0
Hillside Twp	26	100.0			26	100.0	98	96.1	4	3.9	102	100.0	124	96.9	4	3.1	128	100.0
Kenilworth Boro	5	100.0			5	100.0	34	97.1	1	2.9	35	100.0	39	97.5	1	2.5	40	100.0
Linden City	55	100.0			55	100.0	265	98.5	4	1.5	269	100.0	320	98.8	4	1.2	324	100.0
Mountainside Boro	7	100.0			7	100.0	7	100.0			7	100.0	14	100.0			14	100.0
New Providence Boro	4	100.0			4	100.0	15	100.0			15	100.0	19	100.0			19	100.0
Plainfield City	89	100.0			89	100.0	509	98.8	6	1.2	515	100.0	598	99.0	6	1.0	604	100.0
Rahway City	52	98.1	1	1.9	53	100.0	155	98.7	2	1.3	157	100.0	207	98.6	3	1.4	210	100.0
Roselle Boro	33	100.0			33	100.0	126	99.2	1	0.8	127	100.0	159	99.4	1	0.6	160	100.0
Roselle Park Boro	15	100.0			15	100.0	71	98.6	1	1.4	72	100.0	86	98.9	1	1.1	87	100.0
Scotch Plains Twp	11	100.0			11	100.0	28	100.0			28	100.0	39	100.0			39	100.0
Springfield Twp	6	100.0			6	100.0	15	100.0			15	100.0	21	100.0			21	100.0
Summit City	29	100.0			29	100.0	39	100.0			39	100.0	68	100.0			68	100.0
Union Twp	43	100.0			43	100.0	173	97.7	4	2.3	177	100.0	216	98.2	4	1.8	220	100.0
Westfield Town	22	100.0			22	100.0	37	100.0			37	100.0	59	100.0			59	100.0
Winfield Twp	3	100.0			3	100.0	7	100.0			7	100.0	10	100.0			10	100.0
Not Stated	5	100.0			5	100.0	9	100.0			9	100.0	14	100.0			14	100.0
Total	802	99.8	2	0.2	804	100.0	2982	98.7	38	1.3	3020	100.0	3784	99.0	40	1.0	3824	100.0

**Estimated Number of People in Need of Treatment by County and Drug Type  
(1998 estimates)**

County	Lifetime Need for Alcohol Treatment	Current Need for Heroin Treatment	Current Need for Cocaine Treatment	Need for Other Illicit Drug Treatment	Combined Current Need for Illicit Drug Treatment	Combined Need for Alcohol and Illicit Drug Treatment
Atlantic	13,416	3,624	4,792	5,070	13,486	26,902
Bergen	65,230	4,511	5,479	4,426	14,416	79,646
Burlington	10,640	1,846	4,420	4,437	10,703	21,343
Camden	33,167	6,530	8,109	5,225	19,864	53,031
Cape May	6,640	830	1,174	1,895	3,899	10,539
Cumberland	9,700	1,012	2,506	1,554	5,072	14,772
Essex	26,637	22,750	10,427	6,968	40,145	66,782
Gloucester	9,253	1,648	3,050	2,204	6,902	16,155
Hudson	33,652	8,703	7,749	5,662	22,114	55,766
Hunterdon	5,026	656	641	1,362	2,659	7,685
Mercer	25,175	2,204	7,081	3,878	13,163	38,338
Middlesex	41,194	6,289	6,181	4,231	16,701	57,895
Monmouth	37,528	3,796	9,174	7,399	20,369	57,897
Morris	20,377	2,656	2,282	1,799	6,737	27,114
Ocean	39,622	2,955	3,746	4,130	10,831	50,453
Passaic	21,036	6,102	6,182	4,593	16,877	37,913
Salem	4,470	186	1,316	663	2,165	6,635
Somerset	13,759	1,356	1,961	1,873	5,190	18,949
Sussex	10,500	573	702	1,709	2,984	13,484
Union	17,369	7,714	5,487	3,668	16,869	34,238
Warren	8,827	412	1,282	889	2,583	11,410
Total	453,218	86,353	93,741	73,635	253,729	706,947

Estimates of lifetime need for alcohol treatment based on data from the New Jersey 1998 Telephone Household Survey.

Estimates of current need for illicit drug treatment based on capture-recapture analysis of data from the Alcohol and Drug Abuse Data System (ADADS): 1996-1998.